

August 18 - 24, 2000

The spacecraft is currently operational in nominal mode and all five instruments are operating in Science Mode.

MODIS is back to full operational status on its Side A electronics. The Terra Flight Operations Team uplinked a sequence of software patches (developed by the anomaly investigation team) to prevent the instrument Data Formatter from resetting.. Telemetry indicates that the Formatter is now operating nominally. Direct Broadcast of MODIS data to GSFC verifies its good operational status. Normal recording, downlink and processing of MODIS data has resumed. Instrument performance is being monitored on an ongoing basis. The Terra flight software was slightly modified to allow more detailed monitoring of MODIS operations.

Terra X-band Direct Broadcast (for MODIS data) will be on almost fulltime starting on Day 238 (Aug. 25, 2000). Operations Agreement for process of fall-back to Horizon-to-Horizon turn-off mode is in development with JPL-DSN.

Flight operations will continue to support the [SAFARI 2000](http://safari.gecp.virginia.edu/) field campaign. There will be a frequency adjustment to the Master Oscillator on Aug. 29. There will be a roll maneuver on Sept. 18 to support MODIS Calibration objectives. The flight ops team also plans to support the MOPITT "MOVE" campaign beginning Oct. 14.